



US0D1004783S

(12)

United States Design Patent

Ogura et al.

(10)

Patent No.:

US D1,004,783 S

(45)

Date of Patent:

** Nov. 14, 2023

(54) ULTRASOUND PROBE

(71) Applicant: FUJIFILM Corporation, Tokyo (JP)

(72) Inventors: Ryosuke Ogura, Ashigara-kami-gun (JP); Shinsuke Noguchi, Ashigara-kami-gun (JP)

(73) Assignee: FUJIFILM Corporation, Tokyo (JP)

(**) Term: 15 Years

(21) Appl. No.: 29/777,293

(22) Filed: Apr. 5, 2021

CPC ... A61B 5/0095; A61B 8/4444; A61B 8/4455; G01S 7/5208

See application file for complete search history.

(56)References Cited

U.S. PATENT DOCUMENTS

D555,252 S11/2007Kitayama et al.

8,137,281 B23/2012Huang et al.

D681,820 S5/2013Shinohara et al.

D681,823 S5/2013Shinohara et al.

(Continued)

OTHER PUBLICATIONS

iViz Wireless Ultrasound Basic Operations Part 1. Online, published date Dec. 16, 2021. Retrieved on Mar. 15, 2023 from URL: <https://www.youtube.com/watch?v=UW7cPb9wDxs>.*

Notice of Allowance dated Jan. 6, 2021, in corresponding U.S. Appl. No. 29/687,105.

Office Action dated Sep. 1, 2020, in corresponding U.S. Appl. No. 29/687,105.

(Continued)

Related U.S. Application Data

(62) Division of application No. 29/687,105, filed on Apr. 10, 2019, now Pat. No. Des. 919,102.

(30) Foreign Application Priority Data

Oct. 11, 2018 (JP) 2018-022302

Oct. 11, 2018 (JP) 2018-022303

Oct. 11, 2018 (JP) 2018-022327

Oct. 11, 2018 (JP) 2018-022346

Oct. 11, 2018 (JP) 2018-022347

Oct. 11, 2018 (JP) 2018-022348

Oct. 11, 2018 (JP) 2018-022349

Dec. 28, 2018 (JP) 2018-028879

Dec. 28, 2018 (JP) 2018-028899

Dec. 28, 2018 (JP) 2018-028900

Dec. 28, 2018 (JP) 2018-028945

(51) LOC (14) Cl. 24-02

(52) U.S. Cl. D24/187

USPC D24/187

(58) Field of Classification Search

USPC D24/133, 137, 138, 141, 158, 160, 164, D24/165, 167, 170, 186, 187, 200; D10/57, 60, 78, 80; D21/333; D14/134, D14/218, 341, 400–401, 417, 506, 507, D14/509

Primary Examiner — Omeed Agilee

(74) Attorney, Agent, or Firm — Birch, Stewart, Kolasch & Birch, LLP

(57)CLAIM

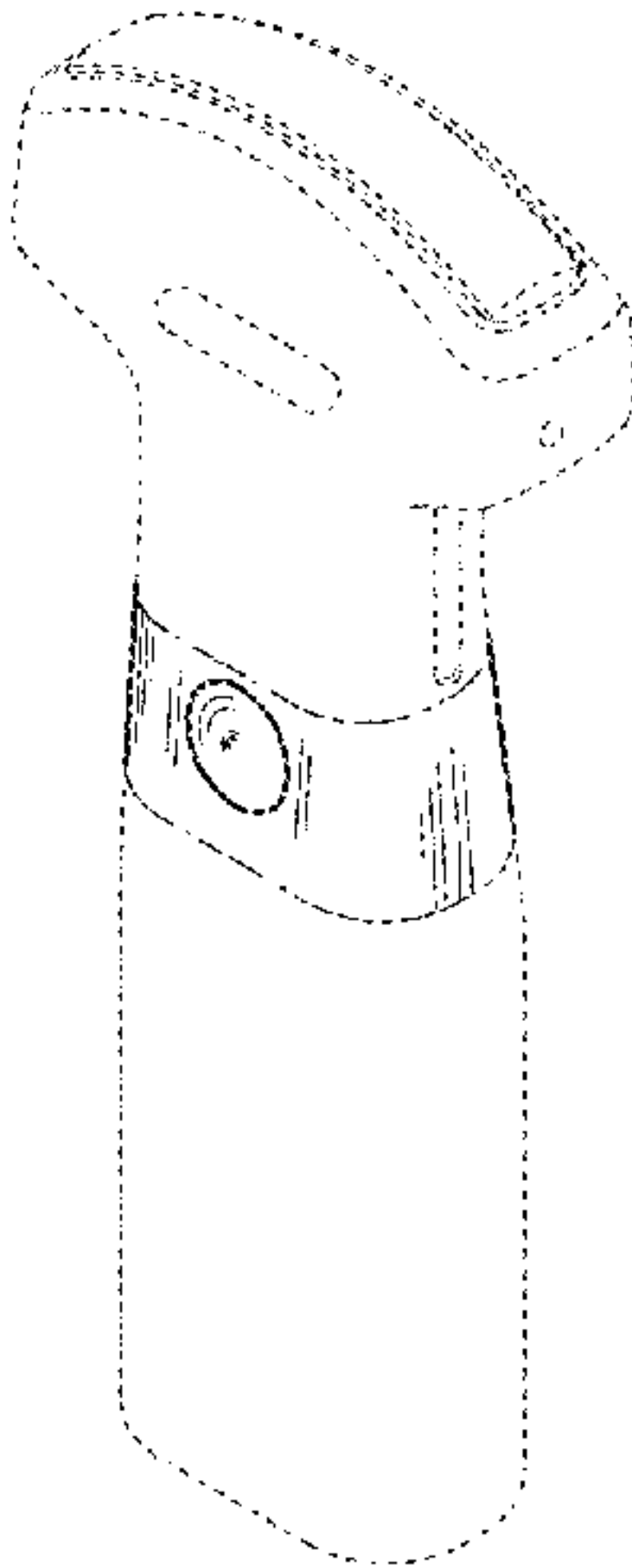
The design for an ultrasound probe, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an ultrasound probe, FIG. 2 is a front view of the ultrasound probe, FIG. 3 is a back view of the ultrasound probe, FIG. 4 is a plan view of the ultrasound probe, FIG. 5 is a bottom view of the ultrasound probe, FIG. 6 is a right side view of the ultrasound probe; and, FIG. 7 is a left side view of the ultrasound probe.

The dashed lines in the drawings depict portions of the ultrasound probe that form no part of the claimed design. The dot-dash dot broken lines depict the boundaries of the claim and form no part thereof.

1 Claim, 3 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

U.S. PATENT DOCUMENTS

D703,330 S 4/2014 Saeki
D703,332 S * 4/2014 Saeki D24/187
D749,224 S * 2/2016 Iritani D24/187
D777,144 S * 1/2017 McManigal D14/218
D789,367 S * 6/2017 Jentz D14/218
D811,608 S 2/2018 Kitayama
D816,850 S 5/2018 Asai et al.
D837,391 S * 1/2019 Naka D24/187
D865,973 S 11/2019 Chamberlain et al.
D875,259 S 2/2020 Moon et al.
D878,603 S 3/2020 Zhang et al.
D879,298 S 3/2020 Byung
10,816,650 B2 10/2020 Solek et al.
D910,857 S 2/2021 Shibayama et al.
D916,295 S 4/2021 Shibayama et al.
D919,102 S * 5/2021 Ogura D24/187
D947,387 S * 3/2022 Ogura D24/187
D950,069 S * 4/2022 Ogura D24/187
2015/0320402 A1 * 11/2015 Ryu A61B 8/14
600/443
2016/0113724 A1 4/2016 Stolka et al.
2018/0110497 A1 4/2018 Beacham et al.
2021/0212663 A1 * 7/2021 Noguchi A61B 8/4455
2021/0212664 A1 * 7/2021 Noguchi A61B 90/94

Office Action dated Sep. 14, 2020, in corresponding U.S. Appl. No. 29/687,105.
Restriction Requirement issued June 8, 2020, in corresponding U.S. Appl. No. 29/687,105.
Wireless Color Ultrasound Scanner Convex Probe New Version 3.5-5Mhz/128 Android, New Look. Online, published date unknown. Retrieved on Jun. 2, 2020 from URL: <https://wififultras.com/products/wireless-color-ultrasound-scanner-convex-probe-new-version-3-5-5mhz-12>.
Corrected Notice of Allowance dated Jan. 7, 2022 in U.S. Appl. No. 29/777,295.
Notice of Allowance dated Dec. 3, 2021 in U.S. Appl. No. 29/777,295.
Office Action dated Jul. 9, 2021, in U.S. Appl. No. 29/777,295.
Second Corrected Notice of Allowance dated Jan. 12, 2022 in U.S. Appl. No. 29/777,295.
Ultrasound Diagnostic Imaging Equipment. Online, published date unknown. Retrieved on Jun. 30, 2021 from URL: <http://www-g-mark-org-product.elas-ticbeans-talk.com/award/describe/49151?locale=en>.
Wireless B&W Ultrasound Probe—Convex-3.5/ 5.0MHZ. Online, published date unknown. Retrieved on Jun. 30, 2021 from URL: <https://interaktivhealth.com.au/products/wireless-ultrasound-scanner-ss-2ii-convex-3-5-5-0mhz>.

* cited by examiner

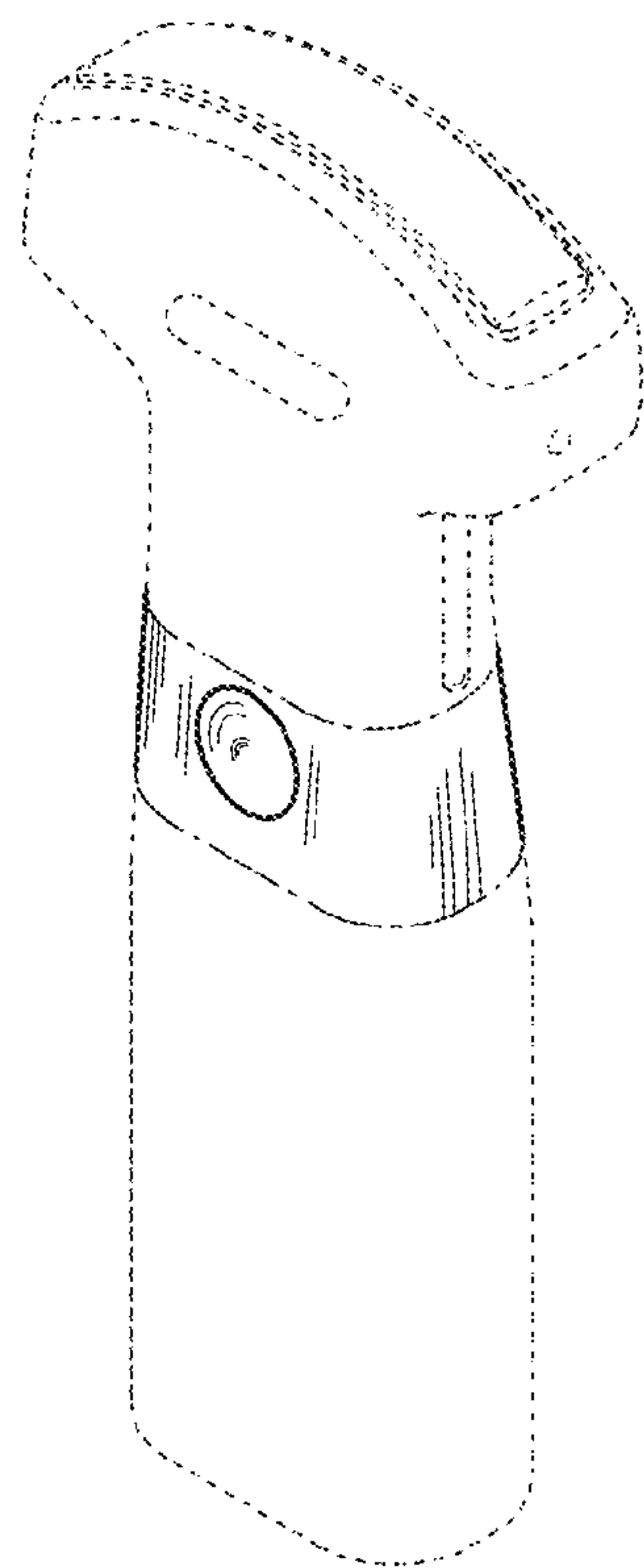


FIG. 1

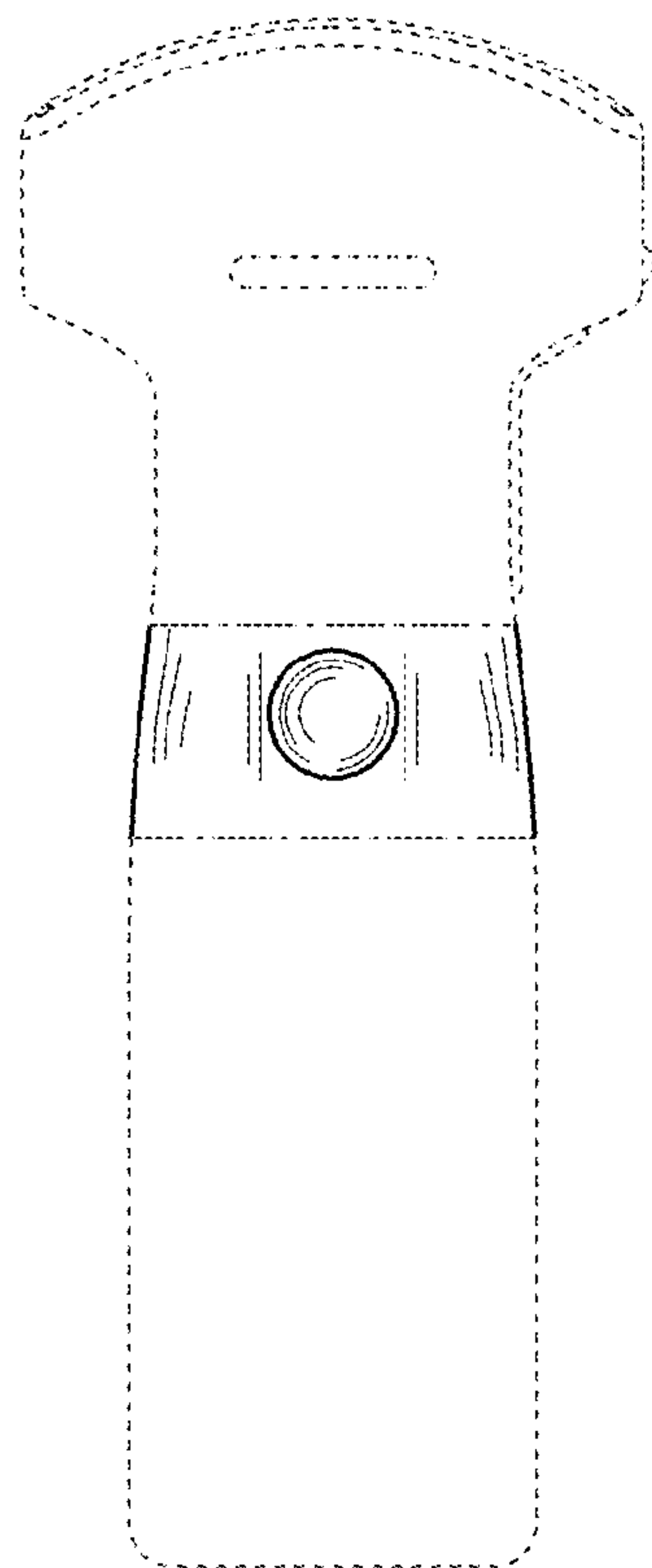


FIG. 2

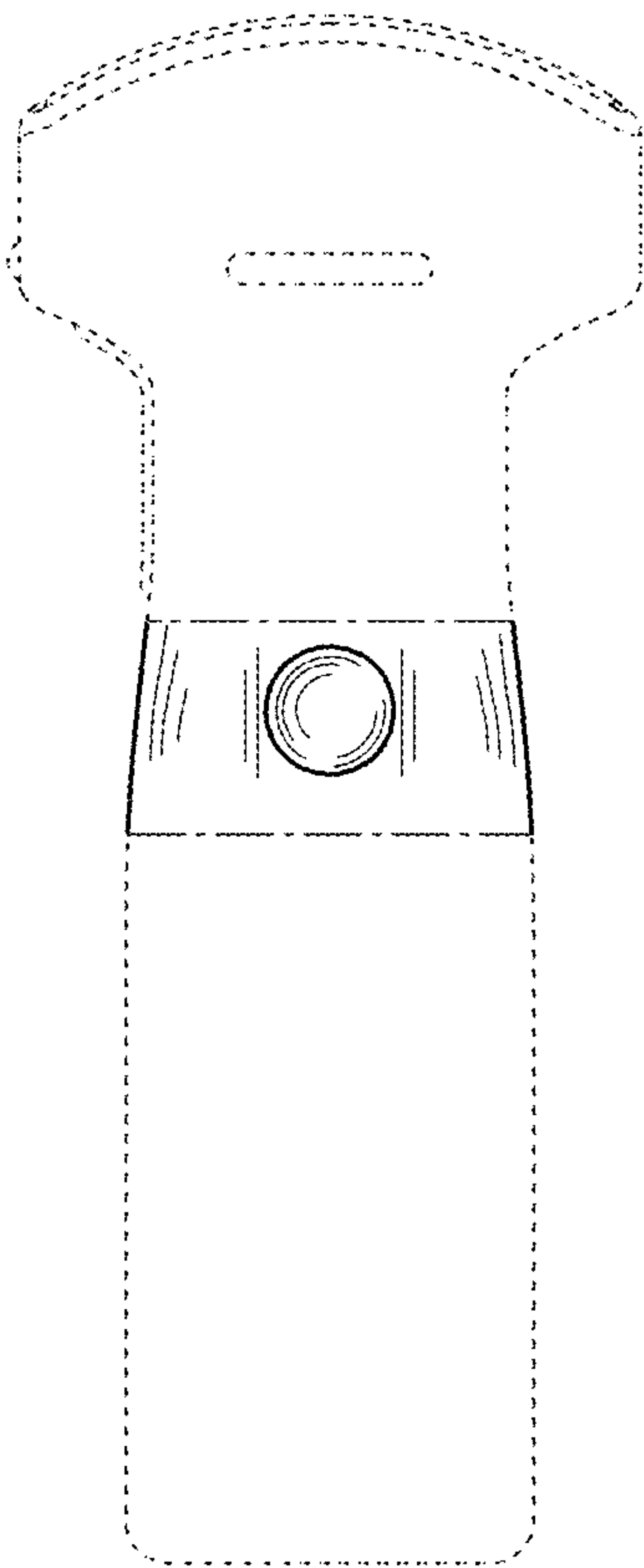


FIG. 3

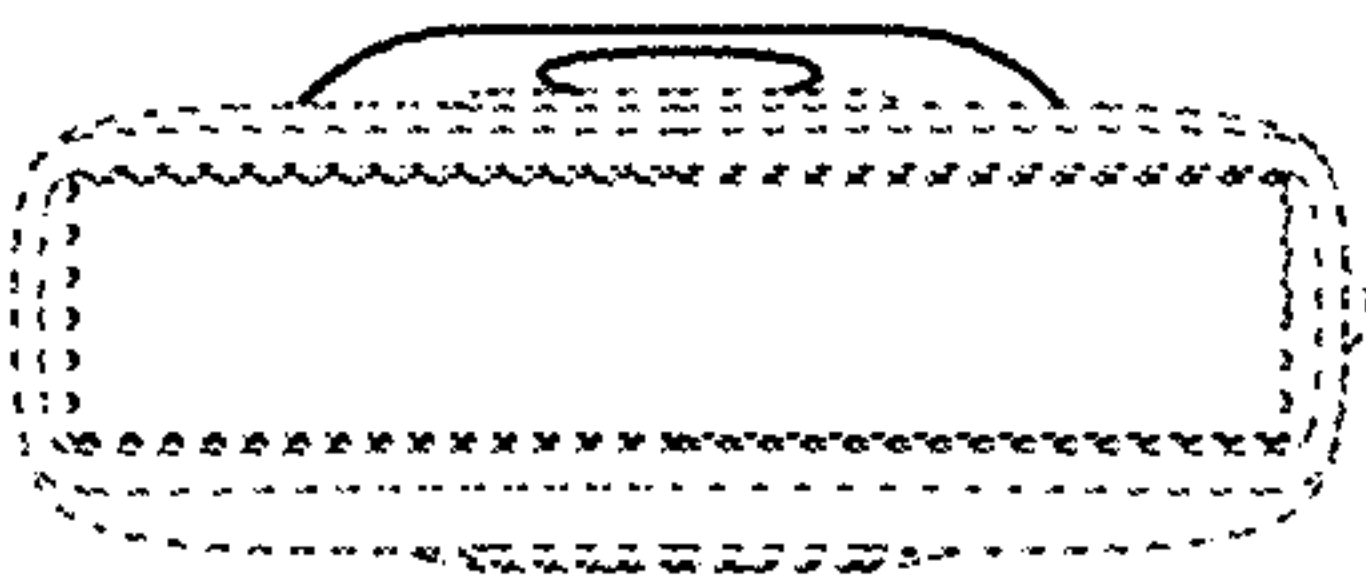


FIG. 4

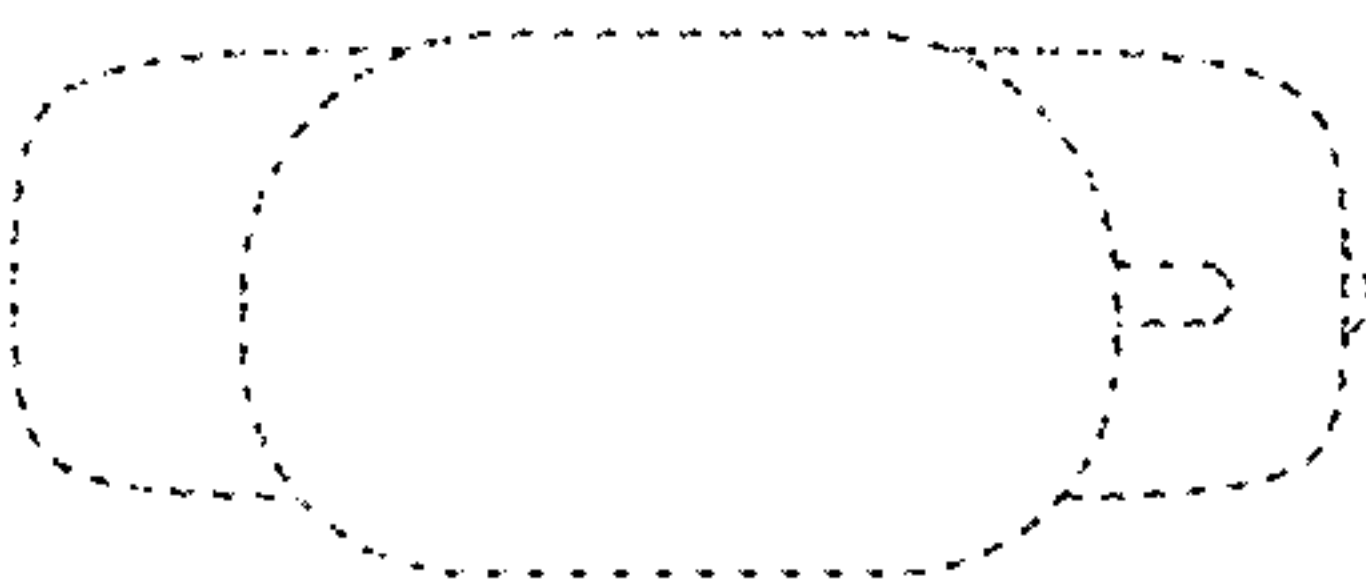


FIG. 5

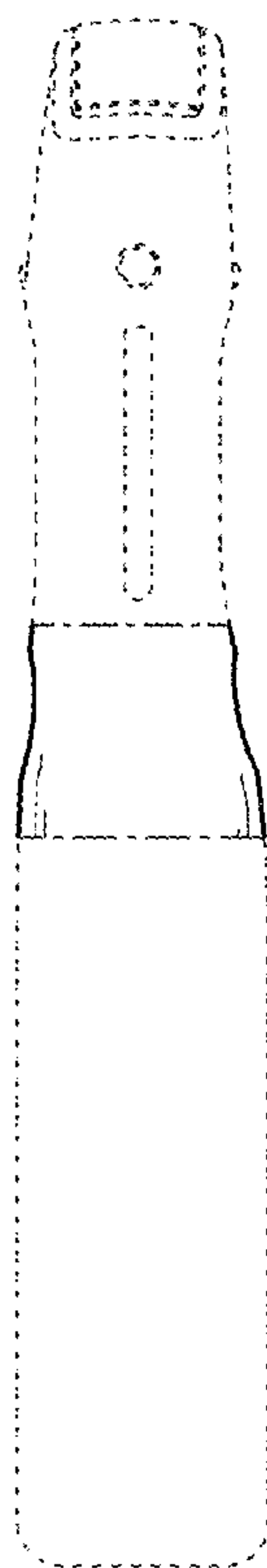


FIG. 6

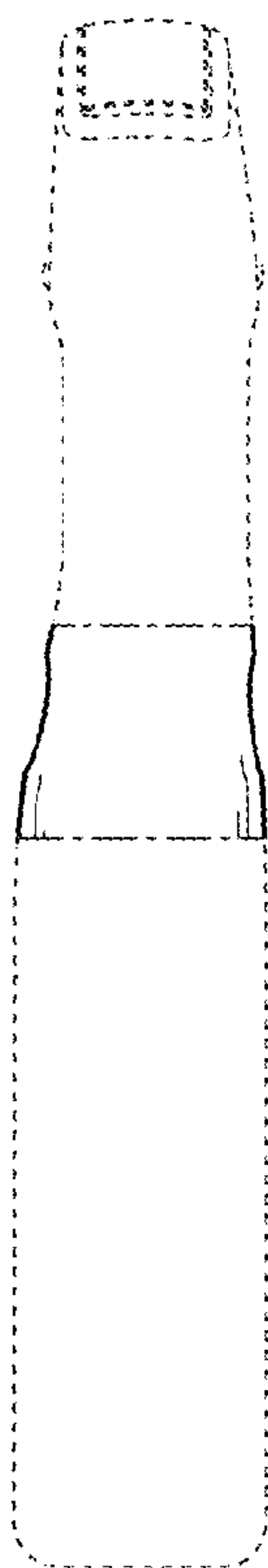


FIG. 7